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September 29, 2005

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Commissioner for Patents
PO Box 1450
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Art Unit 2876

Attn: Mail Stop Amendment

Re: U.S. Utility Patent Application
Appl. No. 10/693,687; Filed: October 27, 2003
For: **Optimization of a Binary Tree Traversal With Secure
Communications**

Inventors: POWELL *et al.*
Our Ref: 1689.0320001

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Amendment and Reply Under 37 C.F.R. § 1.111;
2. Submission of Drawings;
3. Nine (9) sheets of Replacement drawings (Figs. 1, 2, 3A, 3B, 4-8, 9A, 9B, 10A, 10B); and
4. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents
September 29, 2005
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The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

A handwritten signature in black ink, appearing to read "J. S. W.", with a large, stylized loop at the beginning.

Jeffrey S. Weaver
Attorney for Applicants
Registration No. 45,608

RES/JSW:apg
Enclosures

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

POWELL *et al.*

Appl. No.: 10/693,687

Filed: October 27, 2003

For: **Optimization of a Binary Tree
Traversal With Secure
Communications**

Confirmation No.: 8675

Art Unit: 2876

Examiner: Kim, Ahshik

Atty. Docket: 1689.0320001

Submission of Drawings

Mail Stop Amendment

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith are nine sheets of Replacement drawings with Figure(s) 1, 2, 3A, 3B, 4-8, 9A, 9B, 10A, 10B, corresponding to the above-captioned application. Identification of the drawing(s) is provided in accordance with 37 C.F.R. § 1.84(c). Acknowledgment of the receipt, approval, and entry of these drawing(s) into this application is respectfully requested.

It is not believed that an extension of time is required, other than any already provided herewith. However, if an extension of time is needed to prevent abandonment of the application, then such extension of time is hereby petitioned. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,
STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Jeffrey S. Weaver
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Date: September 29, 2005

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